

# Morbidity and Mortality

Weekly Report

RECEIVED  
MAY 9 1963  
CDC LIBRARY  
ATLANTA 22, GA

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
PUBLIC HEALTH SERVICE

Prepared by the **COMMUNICABLE DISEASE CENTER** 634-5131

For release May 10, 1963

ATLANTA 22, GEORGIA

Vol. 12, No. 18

PROVISIONAL INFORMATION ON SELECTED NOTIFIABLE DISEASES IN THE UNITED STATES AND ON DEATHS IN SELECTED CITIES FOR WEEK ENDED MAY 4, 1963

**DIPHTHERIA** - Cumulative reported cases of diphtheria through the eighteenth week this year are once again at record low levels. (See graph page 150.) The rate of decline in reported diphtheria cases, reasonably constant since 1945, shows some evidence of an accelerated decline this year. Cumulative cases through the 18th week for 1959-1963 and total cases for the years 1959-1962 are shown below:

| No. of Cases      | 1963 | 1962 | 1961 | 1960 | 1959 |
|-------------------|------|------|------|------|------|
| Through 18th Week | 105  | 177  | 252  | 281  | 312  |
| Total for Year    |      | 458* | 617  | 918  | 934  |

\*Provisional

Notably, over half of the cases reported this year are from the Northern States. Only two States have recorded more than 10 cases; Minnesota with 15 cases and New York with 12.

## EPIDEMIOLOGICAL REPORTS

### Anthrax - New Mexico

Two reported and three additional probable human cases of cutaneous anthrax occurred on an Indian Reservation in Taos Pueblo, New Mexico, in the latter part of October 1962. At least 16 cases of anthrax in cattle and swine were also thought to have occurred.

Table 1. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
(Cumulative totals include revised and delayed reports through previous week)

| Disease  | 18th Week      |                |                       | Cumulative     |         |                       |
|--|----------------|----------------|-----------------------|----------------|---------|-----------------------|
|  | Ended          | Ended          | Median<br>1958 - 1962 | First 18 weeks |         | Median<br>1958 - 1962 |
|  | May 4,<br>1963 | May 5,<br>1962 |                       | 1963           | 1962    |                       |
| Aseptic meningitis.....                                    | 22             | 19             | ---                   | 393            | 331     | ---                   |
| Brucellosis .....  | 7              | 12             | 13                    | 118            | 129     | 235                   |
| Diphtheria .....   | 4              | 12             | 12                    | 105            | 177     | 270                   |
| Encephalitis, infectious .....                             | 37             | 20             | 29                    | 490            | 519     | 479                   |
| Hepatitis, infectious and serum ..                         | 802            | 1,163          | 813                   | 18,009         | 24,150  | 13,851                |
| Measles .....  | 17,341         | 23,971         | 22,108                | 229,442        | 288,700 | 247,295               |
| Meningococcal infections .....                             | 75             | 40             | 44                    | 1,077          | 898     | 1,007                 |
| Poliomyelitis, total .....                                 | 1              | 9              | 12                    | 46             | 101     | 272                   |
| Paralytic .....  | 1              | 8              | 8                     | 42             | 72      | 196                   |
| Nonparalytic .....   | -              | -              | 2                     | 2              | 13      | 46                    |
| Unspecified .....  | -              | 1              | 2                     | 2              | 16      | 30                    |
| Streptococcal sore throat<br>and Scarlet fever .....       | 7,519          | 7,311          | ---                   | 169,916        | 153,042 | ---                   |
| Tetanus .....  | 11             | 7              | ---                   | 68             | 53      | ---                   |
| Tularemia .....  | 6              | 1              | ---                   | 70             | 87      | ---                   |
| Typhoid fever .....  | 8              | 9              | 13                    | 125            | 140     | .181                  |
| Typhus fever, tick-borne,<br>(Rocky Mountain spotted)..... | 1              | 4              | ---                   | 4              | 9       | ---                   |
| Rabies in Animals .....                                    | 98             | 95             | 77                    | 1,378          | 1,538   | 1,494                 |

Table 2. NOTIFIABLE DISEASES OF LOW FREQUENCY

|           |      |                          |      |
|-----------|------|--------------------------|------|
| Anthrax:  | Cum. | Psittacosis:             | Cum. |
| Botulism: | 1    | Rabies in Man:           | 21   |
| Malaria:  | 5    | Smallpox:                | -    |
| Plague:   | 34   | Typhus, murine: s.c. - 1 | 3    |
|           | -    |                          |      |

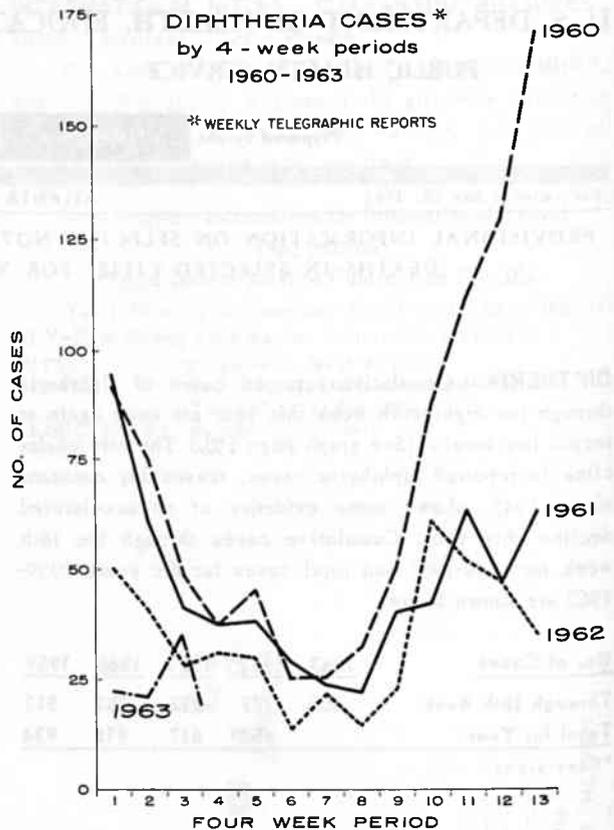
The first evidence of the outbreak was on Sunday, October 14, when a white-faced steer was found dead. It was known to have been healthy one day prior to its death. An Indian and his wife found the animal in the community pasture and eviscerated the animal, disposing of the entrails in a creek that passed through the community. They cut up the beef for "jerky", air-dried meat that is used for human consumption either with or without further cooking. Samples of this meat were later found to contain spores of *Bacillus anthracis*. A friend of the couple took the hide and soaked it in creek water, in preparation for making drums and moccasins. Some of the freshly cut up meat was given to 25 friends of the couple, at least two of whom ate the meat raw. Most of the Pueblo residents ate portions of the other freshly cut up meat in a well-cooked stew that was prepared for a ceremony. No illness resulted. The unusable portions of the meat and bones were scattered for dogs and swine to consume at their leisure.

On October 20, two slightly swollen, itching areas appeared on the forearm of the woman who originally found the dead steer. She initially regarded them as insect bites but, because of their persistence, went to a nearby clinic. When seen, the lesions were somewhat raised in the center with a small erythematous border. She was given bacitracin and terramycin, and instructed to soak the infected areas. A day later, her arm had become swollen and edematous to the shoulder with some edema spreading out over the pectoral muscles. She had numerous blebs on her forearm with a green-violet discoloration of the arm. *Bacillus anthracis* was cultured from the lesions. The patient was hospitalized and, under treatment, recovered uneventfully.

On October 24, the son of one of the men to whom freshly cut up meat had been given appeared at the clinic with two small lesions on the right upper and lower eyelids. Erythema and swelling was noted above the eye, which was nearly closed. There was extensive edema of the scalp and right side of the face. He recovered under treatment.

On October 25, the Indian who found the dead carcass appeared at the local clinic with a lesion on his right hand. It was characterized as a punched out, very deep ulcer with raised edges, black discoloration at the base, and surrounding erythema. In spite of the depth and proximity to the fifth metacarpal periosteum, the patient experienced no pain and only slight itching about the lesion. He was not treated for this lesion though it is suspected that he may have consumed some of the tetracycline capsules given to his wife.

Shortly thereafter, a fourth Indian was seen with a similar finger lesion. This man refused to be examined by local health personnel, but was seen casually outside the clinic, perhaps a week later, where a black eschar



was noted at the base of his ulcerated finger lesion with modest surrounding erythema.

A fifth person, an Indian youth, was seen on November 14 by a local veterinarian. He was noted to have two black eschars on his upper lip. Upon questioning, the boy admitted burying two swine that had died by strangulation approximately 3 to 4 weeks previously. (Anthrax deaths in swine are usually the result of strangulation caused by massive cervical lymphadenopathy.) Ulcers had appeared on his upper lip two weeks later, followed by edema of both lips and the anterior nares. He had experienced some itching but no pain. The lesions subsided spontaneously.

Although the first known case among cattle occurred on October 14, some carcasses had been noted earlier in surrounding pastures. At least 12 cattle had died with symptoms consistent with anthrax. In addition to the two swine who died of strangulation, two others were seen who appeared listless with evidence of swollen jowls and recent weight loss. A mass immunization program for the cattle in the area was carried out.

(Reported by Dr. H. Gordon Doran, Jr., New Mexico Department of Public Health; Dr. Jack Hill, Department of Agriculture, Animal Disease Eradication Division; Dr. Harold Fleetwood, USPHS Clinic, Taos Pueblo, New Mexico; and a physician from the Communicable Disease Center.)

Tetanus - Arkansas - 1958-1962

A review of human tetanus cases in Arkansas over the past five years was recently carried out by the State Board of Health. Of the 47 cases occurring during this period, 35 were fatal. The age distribution of the cases is shown below:

Ten of the 47 could be classified as tetanus neonatorum. The remainder are scattered by age group; notably, 25 of the 37 occurred among males.

An effort was made to classify the type of injury preceding the disease in each case. Surprising is the frequency with which tetanus was associated with apparently trivial wounds.

CASES OF TETANUS - ARKANSAS - 1958-1962

|                          | MALE | FEMALE | TOTAL | DEATHS |
|--------------------------|------|--------|-------|--------|
| Neonatal (first 28 days) | 5    | 5      | 10    | 10     |
| 1-4                      | 2    | 0      | 2     | 1      |
| 5-9                      | 2    | 0      | 2     | 0      |
| 10-19                    | 4    | 2      | 6     | 4      |
| 20-29                    | 2    | 0      | 2     | 2      |
| 30-39                    | 1    | 0      | 1     | 0      |
| 40-49                    | 3    | 2      | 5     | 4      |
| 50-59                    | 4    | 2      | 6     | 3      |
| 60 +                     | 7    | 6      | 13    | 11     |
|                          | 30   | 17     | 47    | 35     |

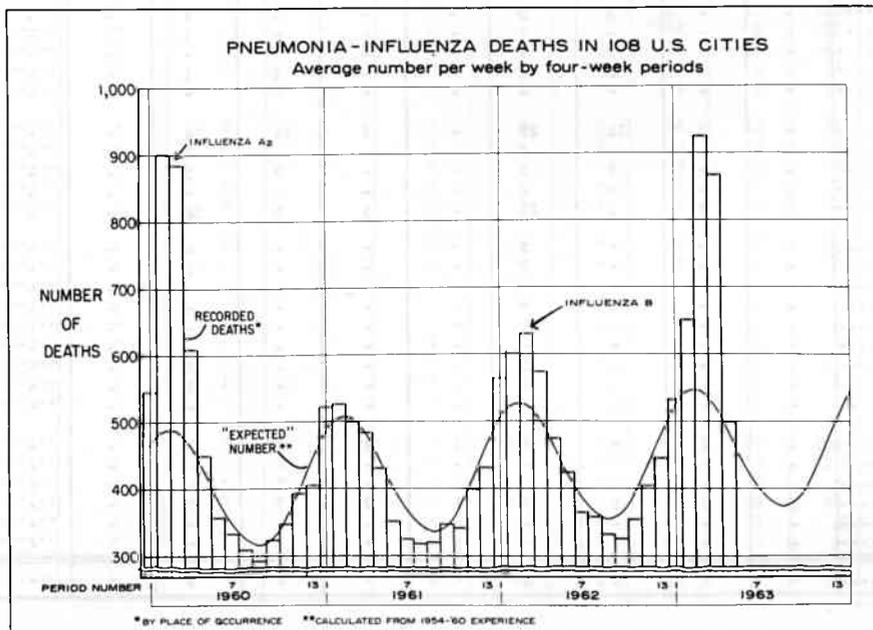
TYPE OF WOUND ASSOCIATED WITH OCCURRENCE OF TETANUS  
(Excluding neonatal cases)

|   |    |
|---|----|
| Puncture Wound  | 12 |
| Cut, abrasion, blister, or bruise                     | 9  |
| Gangrene associated with burns, frostbite or diabetes | 4  |
| Splinter  | 2  |
| Fracture  | 1  |
| Unknown or classification uncertain                   | 9  |
|   | 37 |

PNEUMONIA-INFLUENZA DEATHS IN 108 CITIES

The weekly average number of pneumonia-influenza deaths for the four-week period ending May 4 was 498 as compared with an expected weekly average of 484.

|          | WEEK ENDING |      |      |     | 4 Week Total | Weekly Average |
|----------|-------------|------|------|-----|--------------|----------------|
|          | 4/13        | 4/20 | 4/27 | 5/4 |              |                |
| Observed | 512         | 540  | 481  | 457 | 1,990        | 498            |
| Expected | 499         | 489  | 479  | 468 | 1,935        | 484            |
| Excess   | 13          | 51   | 2    | -11 | 55           | 14             |



(See table, page 155)

## Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED

MAY 4, 1963 AND MAY 5, 1962

| Area                    | Poliomyelitis, total cases |      |                           |      | Poliomyelitis, paralytic |      |                           |      | Poliomyelitis, nonparalytic |      | Aseptic Meningitis |      |
|-------------------------|----------------------------|------|---------------------------|------|--------------------------|------|---------------------------|------|-----------------------------|------|--------------------|------|
|                         | 18th week                  |      | Cumulative First 18 weeks |      | 18th week                |      | Cumulative First 18 weeks |      | 18th week                   |      | 18th week          |      |
|                         | 1963                       | 1962 | 1963                      | 1962 | 1963                     | 1962 | 1963                      | 1962 | 1963                        | 1962 | 1963               | 1962 |
| UNITED STATES.....      | 1                          | 9    | 46                        | 101  | 1                        | 8    | 42                        | 72   | -                           | -    | 22                 | 19   |
| NEW ENGLAND.....        | -                          | -    | -                         | 1    | -                        | -    | -                         | 1    | -                           | -    | -                  | -    |
| Maine.....              | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| New Hampshire.....      | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Vermont.....            | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Massachusetts.....      | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Rhode Island.....       | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Connecticut.....        | -                          | -    | -                         | 1    | -                        | -    | -                         | 1    | -                           | -    | -                  | -    |
| MIDDLE ATLANTIC.....    | -                          | -    | 6                         | 30   | -                        | -    | 6                         | 17   | -                           | -    | 1                  | 1    |
| New York.....           | -                          | -    | 4                         | 30   | -                        | -    | 4                         | 17   | -                           | -    | 1                  | -    |
| New Jersey.....         | -                          | -    | 1                         | -    | -                        | -    | 1                         | -    | -                           | -    | -                  | -    |
| Pennsylvania.....       | -                          | -    | 1                         | -    | -                        | -    | 1                         | -    | -                           | -    | -                  | 1    |
| EAST NORTH CENTRAL..... | -                          | 1    | 11                        | 10   | -                        | -    | 10                        | 6    | -                           | -    | -                  | 2    |
| Ohio.....               | -                          | -    | 4                         | 4    | -                        | -    | 3                         | 4    | -                           | -    | -                  | -    |
| Indiana.....            | -                          | -    | -                         | 3    | -                        | -    | -                         | 2    | -                           | -    | -                  | -    |
| Illinois.....           | -                          | -    | 5                         | 2    | -                        | -    | 5                         | -    | -                           | -    | -                  | 1    |
| Michigan.....           | -                          | -    | 2                         | -    | -                        | -    | 2                         | -    | -                           | -    | -                  | 1    |
| Wisconsin.....          | -                          | 1    | -                         | 1    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| WEST NORTH CENTRAL..... | -                          | -    | 1                         | 7    | -                        | -    | 1                         | 4    | -                           | -    | 2                  | 1    |
| Minnesota.....          | -                          | -    | -                         | 1    | -                        | -    | -                         | 1    | -                           | -    | 2                  | 1    |
| Iowa.....               | -                          | -    | -                         | 3    | -                        | -    | -                         | 2    | -                           | -    | -                  | -    |
| Missouri.....           | -                          | -    | 1                         | 3    | -                        | -    | 1                         | 1    | -                           | -    | -                  | -    |
| North Dakota.....       | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| South Dakota.....       | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Nebraska.....           | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Kansas.....             | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| SOUTH ATLANTIC.....     | -                          | 1    | 5                         | 9    | -                        | 1    | 4                         | 7    | -                           | -    | 3                  | 1    |
| Delaware.....           | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Maryland.....           | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| District of Columbia..  | -                          | -    | -                         | 1    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Virginia.....           | -                          | -    | -                         | 2    | -                        | -    | -                         | 2    | -                           | -    | -                  | -    |
| West Virginia.....      | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| North Carolina.....     | -                          | 1    | 2                         | 2    | -                        | 1    | 2                         | 2    | -                           | -    | -                  | -    |
| South Carolina.....     | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Georgia.....            | -                          | -    | 1                         | 1    | -                        | -    | -                         | 1    | -                           | -    | -                  | -    |
| Florida.....            | -                          | -    | 2                         | 3    | -                        | -    | 2                         | 2    | -                           | -    | 3                  | 1    |
| EAST SOUTH CENTRAL..... | -                          | -    | 3                         | 3    | -                        | -    | 2                         | 2    | -                           | -    | 3                  | 2    |
| Kentucky.....           | -                          | -    | 1                         | 1    | -                        | -    | -                         | 1    | -                           | -    | 1                  | 1    |
| Tennessee.....          | -                          | -    | 1                         | 1    | -                        | -    | 1                         | -    | -                           | -    | 1                  | -    |
| Alabama.....            | -                          | -    | 2                         | 1    | -                        | -    | 1                         | 1    | -                           | -    | 1                  | -    |
| Mississippi.....        | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | 1                  | 1    |
| WEST SOUTH CENTRAL..... | -                          | 5    | 11                        | 27   | -                        | 5    | 11                        | 24   | -                           | -    | 4                  | -    |
| Arkansas.....           | -                          | -    | -                         | 1    | -                        | -    | -                         | 1    | -                           | -    | -                  | -    |
| Louisiana.....          | -                          | -    | 9                         | 5    | -                        | -    | 9                         | 5    | -                           | -    | -                  | -    |
| Oklahoma.....           | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | 2                  | -    |
| Texas.....              | -                          | 5    | 2                         | 21   | -                        | 5    | 2                         | 18   | -                           | -    | 2                  | -    |
| MOUNTAIN.....           | -                          | -    | -                         | 5    | -                        | -    | -                         | 4    | -                           | -    | -                  | 6    |
| Montana.....            | -                          | -    | -                         | 2    | -                        | -    | -                         | 1    | -                           | -    | -                  | 1    |
| Idaho.....              | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Wyoming.....            | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Colorado.....           | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| New Mexico.....         | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | 5    |
| Arizona.....            | -                          | -    | -                         | 2    | -                        | -    | -                         | 2    | -                           | -    | -                  | -    |
| Utah.....               | -                          | -    | -                         | 1    | -                        | -    | -                         | 1    | -                           | -    | -                  | -    |
| Nevada.....             | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| PACIFIC.....            | 1                          | 2    | 9                         | 9    | 1                        | 2    | 8                         | 7    | -                           | -    | 9                  | 6    |
| Washington.....         | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | 3                  | -    |
| Oregon.....             | -                          | -    | 1                         | -    | -                        | -    | 1                         | -    | -                           | -    | -                  | -    |
| California.....         | 1                          | 2    | 8                         | 9    | 1                        | 2    | 7                         | 7    | -                           | -    | 6                  | 6    |
| Alaska.....             | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Hawaii.....             | -                          | -    | -                         | -    | -                        | -    | -                         | -    | -                           | -    | -                  | -    |
| Puerto Rico.....        | -                          | -    | 2                         | 5    | -                        | -    | 2                         | 5    | -                           | -    | -                  | -    |

# Morbidity and Mortality Weekly Report

153

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
MAY 4, 1963 AND MAY 5, 1962 - (Continued)

| Area                    | Brucellosis |                        | Diphtheria |                        | Encephalitis,<br>infectious |      | Hepatitis,<br>infectious and serum |              |       | Measles   |        |        |
|-------------------------|-------------|------------------------|------------|------------------------|-----------------------------|------|------------------------------------|--------------|-------|-----------|--------|--------|
|                         | 18th week   | Cumulative<br>18 weeks | 18th week  | Cumulative<br>18 weeks | 18th week                   |      | 18th week                          |              |       | 18th week |        |        |
|                         |             |                        |            |                        |                             |      | Under<br>20 yr.                    | 20 &<br>over | Total |           |        |        |
|                         | 1963        | 1963                   | 1963       | 1963                   | 1963                        | 1962 | 1963                               | 1963         | 1962  | 1963      | 1962   |        |
| UNITED STATES.....      | 7           | 118                    | 4          | 105                    | 37                          | 20   | 397                                | 325          | 802   | 1,163     | 17,341 | 23,971 |
| NEW ENGLAND.....        | -           | -                      | -          | 4                      | 2                           | 2    | 39                                 | 35           | 75    | 57        | 717    | 3,072  |
| Maine.....              | -           | -                      | -          | -                      | -                           | -    | 14                                 | 9            | 23    | 10        | 14     | 246    |
| New Hampshire.....      | -           | -                      | -          | -                      | -                           | -    | 6                                  | 2            | 8     | 9         | 1      | 53     |
| Vermont.....            | -           | -                      | -          | -                      | -                           | -    | -                                  | 1            | 1     | 2         | 114    | 76     |
| Massachusetts.....      | -           | -                      | -          | 2                      | 1                           | 2    | 12                                 | 16           | 29    | 22        | 301    | 1,460  |
| Rhode Island.....       | -           | -                      | -          | 2                      | 1                           | -    | -                                  | 1            | 1     | 2         | 33     | 167    |
| Connecticut.....        | -           | -                      | -          | -                      | -                           | -    | 7                                  | 6            | 13    | 12        | 254    | 1,070  |
| MIDDLE ATLANTIC.....    | -           | 4                      | 1          | 17                     | 8                           | 2    | 66                                 | 61           | 129   | 143       | 2,029  | 5,250  |
| New York.....           | -           | 3                      | 1          | 12                     | 3                           | 2    | 35                                 | 37           | 72    | 54        | 762    | 2,502  |
| New Jersey.....         | -           | -                      | -          | 1                      | -                           | -    | 13                                 | 17           | 32    | 36        | 733    | 2,488  |
| Pennsylvania.....       | -           | 1                      | -          | 4                      | 5                           | -    | 18                                 | 7            | 25    | 53        | 534    | 260    |
| EAST NORTH CENTRAL..... | 3           | 10                     | 2          | 11                     | 2                           | 3    | 71                                 | 48           | 137   | 235       | 7,618  | 3,329  |
| Ohio.....               | -           | -                      | -          | -                      | 1                           | -    | 18                                 | 12           | 33    | 64        | 668    | 708    |
| Indiana.....            | 1           | 1                      | 1          | 4                      | -                           | -    | 10                                 | 2            | 12    | 35        | 321    | 555    |
| Illinois.....           | 1           | 8                      | -          | 3                      | 1                           | 2    | 17                                 | 14           | 35    | 71        | 382    | 912    |
| Michigan.....           | 1           | 1                      | 1          | 3                      | -                           | 1    | 23                                 | 18           | 46    | 58        | 2,703  | 840    |
| Wisconsin.....          | -           | -                      | -          | 1                      | -                           | -    | 3                                  | 2            | 11    | 7         | 3,544  | 314    |
| WEST NORTH CENTRAL..... | 2           | 86                     | 1          | 30                     | 2                           | 2    | 37                                 | 14           | 62    | 85        | 738    | 678    |
| Minnesota.....          | 1           | 7                      | -          | 15                     | 1                           | -    | 5                                  | 1            | 9     | 22        | 102    | 92     |
| Iowa.....               | -           | 61                     | -          | 1                      | -                           | -    | 17                                 | 7            | 24    | 22        | 282    | 244    |
| Missouri.....           | -           | 4                      | -          | 1                      | -                           | -    | 11                                 | 5            | 19    | 20        | 151    | 96     |
| North Dakota.....       | -           | -                      | -          | 1                      | -                           | -    | -                                  | 1            | 1     | 4         | 200    | 219    |
| South Dakota.....       | -           | 3                      | 1          | 8                      | 1                           | -    | 3                                  | -            | 4     | 1         | 1      | 12     |
| Nebraska.....           | 1           | 5                      | -          | 4                      | -                           | -    | 1                                  | -            | 5     | 4         | 2      | 15     |
| Kansas.....             | -           | 6                      | -          | -                      | -                           | 2    | -                                  | -            | -     | 12        | NN     | NN     |
| SOUTH ATLANTIC.....     | 1           | 2                      | -          | 19                     | 4                           | 4    | 37                                 | 30           | 73    | 135       | 1,351  | 1,144  |
| Delaware.....           | -           | -                      | -          | -                      | -                           | -    | -                                  | 1            | 1     | -         | 76     | 9      |
| Maryland.....           | -           | -                      | -          | -                      | 1                           | -    | 2                                  | 2            | 4     | 11        | 70     | 121    |
| District of Columbia..  | -           | -                      | -          | -                      | -                           | -    | -                                  | 3            | 3     | 3         | 2      | 11     |
| Virginia.....           | -           | -                      | -          | -                      | 1                           | -    | 4                                  | 5            | 15    | 32        | 430    | 396    |
| West Virginia.....      | -           | -                      | -          | 1                      | -                           | -    | 8                                  | 1            | 9     | 27        | 475    | 388    |
| North Carolina.....     | 1           | 1                      | -          | 1                      | 1                           | 3    | 11                                 | 6            | 17    | 25        | 62     | 25     |
| South Carolina.....     | -           | -                      | -          | 3                      | -                           | -    | 1                                  | -            | 1     | 11        | 63     | 89     |
| Georgia.....            | -           | -                      | -          | 6                      | -                           | -    | 1                                  | -            | 1     | 2         | 2      | -      |
| Florida.....            | -           | 1                      | -          | 8                      | 1                           | 1    | 10                                 | 12           | 22    | 24        | 171    | 105    |
| EAST SOUTH CENTRAL..... | 1           | 3                      | -          | 9                      | 1                           | 1    | 65                                 | 42           | 117   | 203       | 1,187  | 1,415  |
| Kentucky.....           | -           | -                      | -          | -                      | -                           | -    | 14                                 | 4            | 26    | 119       | 664    | 262    |
| Tennessee.....          | 1           | 2                      | -          | 2                      | -                           | 1    | 34                                 | 26           | 62    | 46        | 419    | 905    |
| Alabama.....            | -           | 1                      | -          | 7                      | -                           | -    | 11                                 | 6            | 17    | 17        | 61     | 105    |
| Mississippi.....        | -           | -                      | -          | -                      | 1                           | -    | 6                                  | 6            | 12    | 21        | 43     | 143    |
| WEST SOUTH CENTRAL..... | -           | 8                      | -          | 13                     | 3                           | 2    | 16                                 | 14           | 35    | 86        | 762    | 3,774  |
| Arkansas.....           | -           | 2                      | -          | 1                      | -                           | -    | 3                                  | 2            | 5     | 9         | 19     | 130    |
| Louisiana.....          | -           | -                      | -          | 2                      | -                           | -    | 3                                  | 3            | 7     | 15        | 1      | 5      |
| Oklahoma.....           | -           | 2                      | -          | 5                      | -                           | -    | 1                                  | -            | 1     | 2         | 24     | 108    |
| Texas.....              | -           | 4                      | -          | 5                      | 3                           | 2    | 9                                  | 9            | 22    | 60        | 718    | 3,531  |
| MOUNTAIN.....           | -           | 2                      | -          | 1                      | -                           | -    | 9                                  | 7            | 40    | 70        | 1,103  | 1,725  |
| Montana.....            | -           | -                      | -          | -                      | -                           | -    | 3                                  | 1            | 8     | 3         | 50     | 480    |
| Idaho.....              | -           | -                      | -          | -                      | -                           | -    | -                                  | -            | 5     | 10        | 173    | 42     |
| Wyoming.....            | -           | -                      | -          | -                      | -                           | -    | -                                  | -            | -     | -         | 2      | -      |
| Colorado.....           | -           | -                      | -          | -                      | -                           | -    | -                                  | -            | 4     | 22        | 246    | 679    |
| New Mexico.....         | -           | -                      | -          | 1                      | -                           | -    | 5                                  | 3            | 8     | 10        | NN     | NN     |
| Arizona.....            | -           | 1                      | -          | -                      | -                           | -    | -                                  | -            | 11    | 15        | 488    | 306    |
| Utah.....               | -           | 1                      | -          | -                      | -                           | -    | 1                                  | 3            | 4     | 10        | 100    | 213    |
| Nevada.....             | -           | -                      | -          | -                      | -                           | -    | -                                  | -            | -     | -         | 44     | 5      |
| PACIFIC.....            | -           | 3                      | -          | 1                      | 15                          | 4    | 57                                 | 74           | 134   | 149       | 1,836  | 3,584  |
| Washington.....         | -           | -                      | -          | -                      | 1                           | -    | 11                                 | 14           | 28    | 23        | 334    | 1,261  |
| Oregon.....             | -           | -                      | -          | -                      | -                           | -    | 3                                  | 3            | 6     | 13        | 256    | 765    |
| California.....         | -           | 3                      | -          | 1                      | 14                          | 4    | 42                                 | 56           | 98    | 104       | 1,197  | 1,443  |
| Alaska.....             | -           | -                      | -          | -                      | -                           | -    | 1                                  | 1            | 2     | 6         | 31     | 41     |
| Hawaii.....             | -           | -                      | -          | -                      | -                           | -    | -                                  | -            | -     | 3         | 18     | 74     |
| Puerto Rico.....        | -           | -                      | -          | 8                      | -                           | -    | 19                                 | 1            | 20    | 28        | 10     | 212    |

## Morbidity and Mortality Weekly Report

Table 3. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES  
FOR WEEKS ENDED  
MAY 4, 1963 AND MAY 5, 1962 - (Continued)

| Area                 | Meningococcal Infections |                     | Streptococcal Sore Throat & Scarlet Fever |       | Tetanus  | Tickborne Typhus (Rocky Mt. Spotted) | Tularemia | Typhoid Fever |                     | Rabies in Animals |      |                     |
|----------------------|--------------------------|---------------------|---|-------|----------|--------------------------------------|-----------|---------------|---------------------|-------------------|------|---------------------|
|                      | 18th wk.                 | Cumulative 18 weeks | 18th week                                 | 1962  | 18th wk. | 18th wk.                             | 18th wk.  | 18th wk.      | Cumulative 18 weeks | 18th week         | 1962 | Cumulative 18 weeks |
|                      | 1963                     | 1963                | 1963                                      | 1962  | 1963     | 1963                                 | 1963      | 1963          | 1963                | 1963              | 1962 | 1963                |
| UNITED STATES....    | 75                       | 1,077               | 7,519                                     | 7,311 | 11       | 1                                    | 6         | 8             | 125                 | 98                | 95   | 1,378               |
| NEW ENGLAND.....     | 2                        | 71                  | 736                                       | 496   | -        | -                                    | -         | -             | 5                   | 2                 | -    | 12                  |
| Maine.....           | 1                        | 11                  | 14  | 13    | -        | -                                    | -         | -             | -                   | -                 | -    | 1                   |
| New Hampshire.....   | -                        | 2                   | 2   | 12    | -        | -                                    | -         | -             | -                   | 2                 | -    | 7                   |
| Vermont.....         | -                        | 2                   | 1   | 27    | -        | -                                    | -         | -             | 1                   | -                 | -    | 4                   |
| Massachusetts.....   | 1                        | 34                  | 164                                       | 90    | -        | -                                    | -         | -             | 3                   | -                 | -    | -                   |
| Rhode Island.....    | -                        | 6                   | 52  | 14    | -        | -                                    | -         | -             | -                   | -                 | -    | -                   |
| Connecticut.....     | -                        | 16                  | 503                                       | 340   | -        | -                                    | -         | -             | 1                   | -                 | -    | -                   |
| MIDDLE ATLANTIC....  | 13                       | 146                 | 499                                       | 411   | 1        | -                                    | -         | -             | 16                  | 1                 | 2    | 38                  |
| New York.....        | 4                        | 67                  | 310                                       | 227   | -        | -                                    | -         | -             | 12                  | 1                 | 2    | 28                  |
| New Jersey.....      | 2                        | 23                  | 120                                       | 74    | -        | -                                    | -         | -             | 1                   | -                 | -    | -                   |
| Pennsylvania.....    | 7                        | 56                  | 69  | 110   | 1        | -                                    | -         | -             | 3                   | -                 | -    | 10                  |
| EAST NORTH CENTRAL.. | 13                       | 173                 | 965                                       | 770   | -        | -                                    | -         | -             | 7                   | 3                 | 19   | 191                 |
| Ohio.....            | 5                        | 50                  | 116                                       | 94    | -        | -                                    | -         | -             | 2                   | -                 | 5    | 104                 |
| Indiana.....         | 1                        | 22                  | 132                                       | 184   | -        | -                                    | -         | -             | 1                   | 1                 | 8    | 23                  |
| Illinois.....        | 2                        | 22                  | 154                                       | 144   | -        | -                                    | -         | -             | 2                   | 1                 | 1    | 28                  |
| Michigan.....        | 4                        | 57                  | 329                                       | 172   | -        | -                                    | -         | -             | 1                   | 1                 | 2    | 23                  |
| Wisconsin.....       | 1                        | 22                  | 234                                       | 176   | -        | -                                    | -         | -             | 1                   | -                 | 3    | 13                  |
| WEST NORTH CENTRAL.. | 3                        | 64                  | 255                                       | 156   | 1        | -                                    | 1         | 2             | 7                   | 29                | 20   | 311                 |
| Minnesota.....       | -                        | 11                  | 20  | 38    | -        | -                                    | -         | 1             | 2                   | 6                 | 8    | 84                  |
| Iowa.....            | -                        | 3                   | 91  | 69    | 1        | -                                    | -         | -             | 1                   | 11                | 8    | 111                 |
| Missouri.....        | -                        | 25                  | 4   | 10    | -        | -                                    | -         | 1             | 4                   | 5                 | 3    | 57                  |
| North Dakota.....    | -                        | 1                   | 129                                       | 18    | -        | -                                    | -         | -             | -                   | -                 | -    | 7                   |
| South Dakota.....    | -                        | 4                   | 3   | 8     | -        | -                                    | -         | -             | -                   | 6                 | 1    | 44                  |
| Nebraska.....        | 2                        | 16                  | -   | 3     | -        | -                                    | -         | -             | -                   | -                 | -    | 3                   |
| Kansas.....          | 1                        | 4                   | 8   | 10    | -        | -                                    | 1         | -             | -                   | 1                 | -    | 5                   |
| SOUTH ATLANTIC.....  | 7                        | 202                 | 557                                       | 870   | 5        | -                                    | -         | 3             | 26                  | 15                | 11   | 237                 |
| Delaware.....        | -                        | 1                   | 6   | 9     | -        | -                                    | -         | -             | 1                   | -                 | -    | -                   |
| Maryland.....        | -                        | 29                  | 43  | 25    | -        | -                                    | -         | -             | 3                   | -                 | -    | -                   |
| Dist. of Columbia..  | 1                        | 4                   | -   | -     | -        | -                                    | -         | -             | -                   | -                 | -    | -                   |
| Virginia.....        | -                        | 51                  | 212                                       | 134   | -        | -                                    | -         | -             | 3                   | 4                 | 6    | 88                  |
| West Virginia.....   | 1                        | 11                  | 126                                       | 100   | -        | -                                    | -         | -             | 5                   | 2                 | 4    | 77                  |
| North Carolina.....  | -                        | 32                  | 19  | 46    | 2        | -                                    | -         | -             | 3                   | -                 | -    | 4                   |
| South Carolina.....  | -                        | 12                  | 25  | 160   | -        | -                                    | -         | -             | -                   | -                 | -    | 5                   |
| Georgia.....         | -                        | 11                  | 2   | -     | -        | -                                    | -         | -             | 2                   | 4                 | -    | 21                  |
| Florida.....         | 5                        | 51                  | 124                                       | 396   | 3        | -                                    | -         | 3             | 9                   | 5                 | 1    | 42                  |
| EAST SOUTH CENTRAL.. | 6                        | 97                  | 1,192                                     | 1,107 | 3        | 1                                    | 1         | -             | 11                  | 1                 | 11   | 116                 |
| Kentucky.....        | -                        | 29                  | 138                                       | 108   | -        | 1                                    | -         | -             | 2                   | -                 | 8    | 54                  |
| Tennessee.....       | 4                        | 39                  | 1,017                                     | 899   | 3        | -                                    | 1         | -             | 7                   | 1                 | 3    | 51                  |
| Alabama.....         | -                        | 13                  | 16  | 14    | -        | -                                    | -         | -             | 2                   | -                 | -    | 11                  |
| Mississippi.....     | 2                        | 16                  | 21  | 86    | -        | -                                    | -         | -             | -                   | -                 | -    | -                   |
| WEST SOUTH CENTRAL.. | 7                        | 114                 | 616                                       | 652   | 1        | -                                    | 4         | 2             | 22                  | 24                | 24   | 289                 |
| Arkansas.....        | 2                        | 7                   | 14  | 7     | -        | -                                    | 2         | 1             | 9                   | 1                 | 1    | 20                  |
| Louisiana.....       | 2                        | 48                  | 3   | 4     | -        | -                                    | -         | -             | 5                   | 1                 | -    | 28                  |
| Oklahoma.....        | 1                        | 22                  | 25  | 18    | -        | -                                    | -         | -             | 2                   | 3                 | 1    | 26                  |
| Texas.....           | 2                        | 37                  | 574                                       | 623   | 1        | -                                    | 2         | 1             | 6                   | 19                | 22   | 215                 |
| MOUNTAIN.....        | 6                        | 39                  | 1,261                                     | 1,299 | -        | -                                    | -         | -             | 2                   | 1                 | 1    | 24                  |
| Montana.....         | -                        | 2                   | 24  | 62    | -        | -                                    | -         | -             | -                   | -                 | -    | -                   |
| Idaho.....           | 2                        | 3                   | 133                                       | 101   | -        | -                                    | -         | -             | -                   | -                 | -    | -                   |
| Wyoming.....         | -                        | 1                   | 27  | 34    | -        | -                                    | -         | -             | -                   | -                 | -    | -                   |
| Colorado.....        | 4                        | 11                  | 373                                       | 566   | -        | -                                    | -         | -             | 1                   | -                 | -    | -                   |
| New Mexico.....      | -                        | 2                   | 346                                       | 244   | -        | -                                    | -         | -             | 1                   | -                 | -    | 12                  |
| Arizona.....         | -                        | 6                   | 201                                       | 177   | -        | -                                    | -         | -             | -                   | 1                 | 1    | 12                  |
| Utah.....            | -                        | 11                  | 156                                       | 115   | -        | -                                    | -         | -             | -                   | -                 | -    | -                   |
| Nevada.....          | -                        | 3                   | 1   | -     | -        | -                                    | -         | -             | -                   | -                 | -    | -                   |
| PACIFIC.....         | 18                       | 171                 | 1,438                                     | 1,550 | -        | -                                    | -         | 1             | 29                  | 22                | 7    | 160                 |
| Washington.....      | 1                        | 13                  | 543                                       | 627   | -        | -                                    | -         | -             | -                   | -                 | -    | -                   |
| Oregon.....          | 2                        | 9                   | 19  | 27    | -        | -                                    | -         | -             | 2                   | -                 | -    | 1                   |
| California.....      | 13                       | 139                 | 703                                       | 861   | -        | -                                    | -         | 1             | 25                  | 22                | 7    | 150                 |
| Alaska.....          | 1                        | 5                   | 78  | 22    | -        | -                                    | -         | -             | -                   | -                 | -    | 9                   |
| Hawaii.....          | 1                        | 5                   | 95  | 13    | -        | -                                    | -         | -             | 2                   | -                 | -    | -                   |
| Puerto Rico.....     | -                        | 4                   | 39  | 3     | -        | -                                    | -         | -             | 3                   | -                 | 1    | 5                   |

Table 4 (B). REPORTED PNEUMONIA-INFLUENZA DEATHS IN REPORTING CITIES

(Tables 4(A), 4(B), 4(C), and 4(D) will be published in sequence covering a four-week period.)<sup>o</sup>

| Area                       | For weeks ending |      |      |     | Area  | For weeks ending |      |      |     |
|----------------------------|------------------|------|------|-----|---|------------------|------|------|-----|
|                            | 4/13             | 4/20 | 4/27 | 5/4 |   | 4/13             | 4/20 | 4/27 | 5/4 |
| <b>NEW ENGLAND:</b>        |                  |      |      |     | <b>SOUTH ATLANTIC:</b>                                      |                  |      |      |     |
| Boston, Mass.....          | 7                | 8    | 7    | 6   | Atlanta, Ga.....  | 9                | 4    | 6    | 4   |
| Bridgeport, Conn.....      | 5                | 2    | 4    | 4   | Baltimore, Md.....  | 4                | 5    | 4    | 4   |
| Cambridge, Mass.....       | 0                | 1    | 0    | 0   | Charlotte, N.C.....   | 0                | 1    | 2    | 4   |
| Fall River, Mass.....      | 1                | 2    | 1    | 1   | Jacksonville, Fla.....                                      | 2                | 6    | 3    | 0   |
| Hartford, Conn.....        | 3                | 1    | 1    | 2   | Miami, Fla.....   | 0                | 2    | 0    | 0   |
| Lowell, Mass.....          | 1                | 5    | 4    | 2   | Norfolk, Va.....  | 2                | 1    | 3    | 2   |
| Lynn, Mass.....            | 2                | 0    | 1    | 3   | Richmond, Va.....   | 2                | 7    | 3    | 0   |
| New Bedford, Mass.....     | 1                | 2    | 1    | 1   | Savannah, Ga.....   | 7                | 2    | 0    | 4   |
| New Haven, Conn.....       | 0                | 0    | 1    | 2   | St. Petersburg, Fla.....                                    | 8                | 5    | 5    | 3   |
| Providence, R.I.....       | 1                | 0    | 3    | 1   | Tampa, Fla.....   | 2                | 4    | 0    | 2   |
| Somerville, Mass.....      | 1                | 0    | 2    | 1   | Washington, D.C.....  | 7                | 14   | 6    | 6   |
| Springfield, Mass.....     | 5                | 4    | 7    | 6   | Wilmington, Del.....  | 2                | 1    | 4    | 1   |
| Waterbury, Conn.....       | 1                | 0    | 1    | 1   | <b>EAST SOUTH CENTRAL:</b>                                  |                  |      |      |     |
| Worcester, Mass.....       | 5                | 2    | 4    | 3   | Birmingham, Ala.....  | 3                | 0    | 2    | 4   |
| <b>MIDDLE ATLANTIC:</b>    |                  |      |      |     | Chattanooga, Tenn.....                                      | 10               | 7    | 2    | 1   |
| Albany, N.Y.....           | 0                | 5    | 2    | 3   | Knoxville, Tenn.....  | 3                | 1    | 3    | 2   |
| Allentown, Pa.....         | 3                | 2    | 3    | 2   | Louisville, Ky.....   | 7                | 10   | 8    | 17  |
| Buffalo, N.Y.....          | 3                | 5    | 7    | 7   | Memphis, Tenn.....  | 6                | 9    | 7    | 5   |
| Camden, N.J.....           | 1                | 3    | 2    | 1   | Mobile, Ala.....  | 2                | 1    | 1    | 2   |
| Elizabeth, N.J.....        | 0                | 0    | 0    | 0   | Montgomery, Ala.....  | 3                | 2    | 1    | 1   |
| Erie, Pa.....              | 4                | 2    | 4    | 3   | Nashville, Tenn.....  | 17               | 3    | 2    | 1   |
| Jersey City, N.J.....      | 3                | 6    | 5    | 8   | <b>WEST SOUTH CENTRAL:</b>                                  |                  |      |      |     |
| Newark, N.J.....           | 3                | 1    | 4    | 2   | Austin, Tex.....  | 9                | 4    | 5    | 5   |
| New York City, N.Y.....    | 70               | 77   | 72   | 68  | Baton Rouge, La.....  | 0                | 3    | 4    | 3   |
| Paterson, N.J.....         | 1                | 2    | 2    | 2   | Corpus Christi, Tex.....                                    | 1                | 0    | 1    | 0   |
| Philadelphia, Pa.....      | 13               | 12   | 15   | 12  | Dallas, Tex.....  | 4                | 5    | 2    | 4   |
| Pittsburgh, Pa.....        | 6                | 7    | 5    | 11  | El Paso, Tex.....   | 2                | 2    | 1    | 0   |
| Reading, Pa.....           | 7                | 1    | 3    | 1*  | Fort Worth, Tex.....  | 1                | 1    | 0    | 0   |
| Rochester, N.Y.....        | 15               | 12   | 14   | 15  | Houston, Tex.....   | 4                | 6    | 3    | 6   |
| Schenectady, N.Y.....      | 2                | 2    | 2    | 1   | Little Rock, Ark.....                                       | 7                | 7    | 5    | 2   |
| Scranton, Pa.....          | 3                | 5    | 4    | 2   | New Orleans, La.....  | 7                | 6    | 8    | 0   |
| Syracuse, N.Y.....         | 0                | 1    | 2    | 0   | Oklahoma City, Okla.....                                    | 3                | 2    | 2    | 0   |
| Trenton, N.J.....          | 3                | 9    | 2    | 9   | San Antonio, Tex.....                                       | 11               | 4    | 4    | 3   |
| Utica, N.Y.....            | 1                | 1    | 0    | 1   | Shreveport, La.....   | 10               | 6    | 16   | 6   |
| Yonkers, N.Y.....          | 3                | 2    | 0    | 2   | Tulsa, Okla.....  | 3                | 2    | 4    | 2   |
| <b>EAST NORTH CENTRAL:</b> |                  |      |      |     | <b>MOUNTAIN:</b>  |                  |      |      |     |
| Akron, Ohio.....           | 1                | 1    | 0    | 1   | Albuquerque, N. Mex.....                                    | 2                | 5    | 4    | 4   |
| Canton, Ohio.....          | 3                | 8    | 3    | 4   | Colorado Springs, Colo...                                   | 4                | 3    | 2    | 2   |
| Chicago, Ill.....          | 23               | 44   | 37   | 35  | Denver, Colo.....   | 8                | 14   | 5    | 6   |
| Cincinnati, Ohio.....      | 4                | 4    | 3    | 7   | Ogden, Utah.....  | 0                | 1    | 3    | 0   |
| Cleveland, Ohio.....       | 2                | 3    | 9    | 3   | Phoenix, Ariz.....  | 4                | 5    | 4    | 3   |
| Columbus, Ohio.....        | 3                | 7    | 2    | 2   | Pueblo, Colo.....   | 0                | 1    | 0    | 0   |
| Dayton, Ohio.....          | 2                | 2    | 1    | 4   | Salt Lake City, Utah.....                                   | 3                | 3    | 6    | 2   |
| Detroit, Mich.....         | 12               | 10   | 16   | 16  | Tucson, Ariz.....   | 2                | 1    | 2    | 1   |
| Evansville, Ind.....       | 2                | 5    | 2    | 3   | <b>PACIFIC:</b>   |                  |      |      |     |
| Flint, Mich.....           | 7                | 8    | 4    | 2   | Berkeley, Calif.....  | 0                | 0    | 0    | 0   |
| Fort Wayne, Ind.....       | 4                | 6    | 4    | 2   | Fresno, Calif.....  | 2                | 3    | 2    | 4   |
| Gary, Ind.....             | 3                | 1    | 3    | 0   | Glendale, Calif.....  | 1                | 0    | 2    | 1   |
| Grand Rapids, Mich.....    | 1                | 1    | 2    | 3   | Honolulu, Hawaii.....                                       | 0                | 0    | 1    | 0   |
| Indianapolis, Ind.....     | 5                | 3    | 4    | 7   | Long Beach, Calif.....                                      | 0                | 1    | 2    | 0   |
| Madison, Wis.....          | 0                | 0    | 0    | 0   | Los Angeles, Calif.....                                     | 29               | 19   | 17   | 22  |
| Milwaukee, Wis.....        | 1                | 1    | 1    | 2   | Oakland, Calif.....   | 5                | 4    | 1    | 3   |
| Peoria, Ill.....           | 0                | 0    | 0    | 1   | Pasadena, Calif.....  | 0                | 1    | 0    | 0   |
| Rockford, Ill.....         | 3                | 4    | 3    | 3   | Portland, Oreg.....   | 3                | 8    | 3    | 3   |
| South Bend, Ind.....       | 4                | 1    | 4    | 2   | Sacramento, Calif.....                                      | 7                | 5    | 4    | 3   |
| Toledo, Ohio.....          | 5                | 3    | 2    | 4   | San Diego, Calif.....                                       | 8                | 9    | 1    | 3   |
| Youngstown, Ohio.....      | 2                | 1    | 2    | 0   | San Francisco, Calif.....                                   | 4                | 7    | 7    | 9   |
| <b>WEST NORTH CENTRAL:</b> |                  |      |      |     | San Jose, Calif.....  | 10               | 2    | 6    | 6   |
| Des Moines, Iowa.....      | 4                | 1    | 3    | 0   | Seattle, Wash.....  | 7                | 3    | 0    | 6   |
| Duluth, Minn.....          | 0                | 0    | 0    | 0   | Spokane, Wash.....  | 3                | 3    | 1    | 2   |
| Kansas City, Kans.....     | 4                | 7    | 4    | 4   | Tacoma, Wash.....   | 0                | 3    | 0    | 0   |
| Kansas City, Mo.....       | 6                | 6    | 4    | 4   | <b>San Juan, P.R.....</b>                                   |                  |      |      |     |
| Lincoln, Nebr.....         | 2                | 1    | 3    | 7   |   | 3                | 1    | 0    | 2   |
| Minneapolis, Minn.....     | 5                | 6    | 3    | 3   | <sup>o</sup> Current Week Mortality for 108 Selected Cities |                  |      |      |     |
| Omaha, Nebr.....           | 1                | 2    | 3    | 0   | 4(A) Total Mortality, all ages.....                         | 11,769           |      |      |     |
| St. Louis, Mo.....         | 13               | 12   | 10   | 5   | 4(B) Pneumonia-Influenza Deaths, all ages.....              | 457              |      |      |     |
| St. Paul, Minn.....        | 2                | 5    | 3    | 5   | 4(C) Total Deaths under 1 Year of Age.....                  | 817              |      |      |     |
| Wichita, Kans.....         | 4                | 3    | 9    | 4   | 4(D) Total Deaths, Persons 65 years and over.....           | 6,519            |      |      |     |

\*Estimate - based on average percent of divisional total.  
Totals for previous weeks include reported corrections.

NOTE: All deaths by place of occurrence.

Food-Borne Disease Outbreaks of Unknown Etiology - 1961 - Summary (Completed)

Summarized below are the remaining 34 outbreaks of food-borne disease of unknown etiology reported during 1961.

Seven of these, noted by asterisks, were listed in previous issues of MMWR as due to Staphylococcus enterotoxin. However, these were not laboratory confirmed and have been placed in the unknown etiology category.

The present listing completes the food-borne disease outbreaks reported between January 1 and December 31, 1961.

INTERNATIONAL NOTES - QUARANTINE MEASURES

Immunization Information for International Travel  
1962 Edition

Public Health Service Publication No. 384

The following information should be added to the list of Yellow Fever Vaccination Centers in Section 6:

CITY: Chattanooga, Tennessee  
 CENTER: Chattanooga-Hamilton County Health Department  
 921 East Third Street  
 Tel. 265-2581  
 CLINIC HOURS: Wednesday, 2 p.m., by appointment  
 FEE: Yes

Library  
81  
7 61  
CDC

FOOD-BORNE OUTBREAKS OF UNKNOWN ETIOLOGY - SUMMARY CONTINUED

| OUTBREAK NUMBER | DATE     | STATE    | NUMBER EATING MEALS | VEHICLE | NO. ILL | SUSPECTED VEHICLE          | PLACE PREPARED     | INCUBATION RANGE     | REPORTED BY                                    |
|-----------------|----------|----------|---------------------|---------|---------|----------------------------|--------------------|----------------------|--|
| 63              | 7/18/61  | Mass     | 28                  | Unknown | 16      | Milk French                | Hotel Kitchen      | 13-20 hours          | W. J. Conroy, D. Fisher                        |
| 64              | 8/23/61  | New York | 120                 | Unknown | 48      | Roast Turkey               | Hotel Kitchen      | 4-7 hours            | M. Gisher, N. J. Flumore                       |
| 65              | 10/5/61  | Calif.   | 10                  | Unknown | 3       | Hon and Potato Salad       | Restaurant         | 6 1/2-7 hours        | B. M. Stewart, V. L. Oliver                    |
| 66              | 10/23/61 | New York | 10                  | Unknown | 3       | Roast Turkey               | Restaurant         | 12 hours             | B. M. Stewart, V. L. Oliver                    |
| 67              | 10/23/61 | Miss.    | 60-70               | Unknown | 12      | Roast Turkey               | Prattville Kitchen | 11-18 hours          | M. Gisher, N. J. Flumore                       |
| 68              | 10/29/61 | Calif.   | 52                  | Unknown | 30      | Roast Turkey               | Restaurant         | 2-12 hours           | D. S. Fleming                                  |
| 69              | 11/2/61  | Calif.   | Unk.                | Unknown | 3       | Baked Chicken              | Restaurant         | 2-12 hours           | F. A. Litzick                                  |
| 70              | 11/2/61  | Calif.   | Unk.                | Unknown | 4       | Unknown Salad              | Hotel Kitchen      | 27-32 hours          | F. A. Litzick                                  |
| 71              | 11/5/61  | Ohio     | 1,400               | Unknown | 38      | Hon                        | Hotel Kitchen      | 27-32 hours          | W. Banks                                       |
| 72              | 11/12/61 | Ohio     | 45                  | Unknown | 35      | Hon                        | Commercial Caterer | 34-180 hours         | Control Information, Vol. III, No. 9, 11/20/61 |
| 73              | 11/12/61 | Calif.   | 28                  | Unknown | 38      | 588 Solid Sandwiches       | Commercial Caterer | 15 min. - 1 hour     | F. B. Scott                                    |
| 74              | 11/12/61 | Calif.   | Unk.                | Unknown | 3       | Turkey and Dressing        | School Truck       | 15 min. - 1 hour     | F. B. Scott                                    |
| 75              | 11/22/61 | Calif.   | 475                 | 480*    | 300*    | Turkey and Dressing        | School Kitchen     | 6-12 hours           | C. M. Carpenter                                |
| 76              | 11/22/61 | Calif.   | 20                  | 20      | 16      | Thousand's Dinner (Unk.)   | Hon                | 13-32 hours          | F. B. Scott                                    |
| 77              | 11/23/61 | Calif.   | 11                  | 11      | 11      | Turkey                     | Hon                | 8-24 hours           | F. B. Scott                                    |
| 78              | 11/23/61 | Calif.   | 11                  | 11      | 11      | Turkey                     | Hon                | 8-24 hours           | F. B. Scott                                    |
| 79              | 12/5/61  | Miss.    | Unk.                | Unk.    | 184     | Unknown                    | School Kitchen     | More 9 hours         | J. C. Todd, R. Russell                         |
| 80              | 12/5/61  | Calif.   | 31                  | Unk.    | 35      | Veal Gravy                 | School Kitchen     | 12 1/2 - 16 1/2 hrs. | R. F. White, R. J. Haldenack                   |
| 81              | 12/14/61 | Calif.   | Unk.                | Unk.    | 145     | Hon                        | School Kitchen     | 2-13 hours           | H. Reeves, D. Fisher                           |
| 82              | 12/25/61 | New York | 9                   | Unk.    | 9       | Turkey Dressing            | Hon                | 2-12 hours           | D. Dornick, L. Oliver                          |
| 83              | 12/25/61 | Calif.   | Unk.                | Unk.    | 9       | Unknown                    | Commercial         | Immediately          | D. Dornick, L. Oliver                          |
| 84              | 1/17/61  | Calif.   | 3                   | Unk.    | 3       | Orange Drink               | Commercial         | 5 min. - 5 hours     | F. A. Litzick                                  |
| 85              | 3/17/61  | Calif.   | 35-40               | Unk.    | 11      | Unknown                    | School Cafeteria   | 10-30 min.           | F. A. Litzick                                  |
| 86              | 5/2/61   | Calif.   | Unk.                | Unk.    | 4       | Hon                        | Theater Stand      | 2-4 hours            | F. A. Litzick                                  |
| 87              | 5/17/61  | Calif.   | 100                 | Unk.    | 3       | Salt Drink                 | Restaurant         | 4 hours              | F. A. Litzick                                  |
| 88              | 5/17/61  | Calif.   | Unk.                | Unk.    | 3       | Chicken Salad              | Restaurant         | 2-4 hours            | F. A. Litzick                                  |
| 89              | 7/26/61  | New York | 20                  | 20      | 20      | Chicken Salad              | Hotel Restaurant   | 4 hours              | E. F. Hill                                     |
| 90              | 7/26/61  | New York | 20                  | 20      | 20      | Baked Beef                 | Restaurant         | 3 1/2 hours          | J. Selder, L. Rembolar                         |
| 91              | 8/17/61  | Calif.   | 3                   | Unk.    | 3       | Fried Rice                 | Restaurant         | 2 1/2 hours          | A. E. Bolter                                   |
| 92              | 8/20/61  | Calif.   | 3                   | Unk.    | 3       | Unknown                    | Restaurant         | 2 1/2 hours          | A. E. Bolter                                   |
| 93              | 11/1/61  | Ill.     | 240                 | Unk.    | 14      | Unknown                    | Church Supper      | 5-6 hours            | W. J. Conroy                                   |
| 94              | 11/1/61  | Ill.     | 240                 | Unk.    | 14      | Unknown                    | Church Supper      | 5-6 hours            | W. J. Conroy                                   |
| 95              | 11/1/61  | Tenn.    | 235                 | Unk.    | 78      | Turkey, Dressing, or Gravy | School Kitchen     | Median 14 hours      | C. B. Tucker                                   |

\* Unconfirmed outbreak reported in MMWR Vol. 10, No. 27

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE  
 PUBLIC HEALTH SERVICE  
 Communicable Disease Center  
 Atlanta 22, Georgia  
 Official Business

POSTAGE AND FEES PAID  
 U. S. DEPARTMENT OF H. E. W.  
 AIR MAIL